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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: THOMSON LICENSING Customer No. 13214 Docket No. PA030018  
Application No./Patent No.: 10/566,875 Filed/Issue Date: September 18, 2006

Titled: METHOD FOR FAST RECONSTRUCTION OF CONTENT INFORMATION

THOMSON LICENSING, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title, and interest in  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)  
the patent application/patent identified above, by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy therefore is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:
1. From: Tak Wing Lam et al. To: Thomson Licensing  
The document was recorded in the United States Patent and Trademark Office at  
Reel 018342, Frame 0453, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Patricia A. Velangieri, Reg. No. 42201/

September 27, 2011

Signature

Date

Patricia A. Verlangieri (Reg. No. 42201)

Senior Patent Counsel

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

**POWER OF ATTORNEY  
THOMSON LICENSING**

We,

THOMSON LICENSING  
1-5 rue Jeanne d'Arc  
92130 ISSY LES MOULINEAUX  
France

do hereby grant

Robert D. Shedd  
Vice President, U.S. Patent Operations  
Thomson Licensing LLC  
Two Independence Way  
Princeton, New Jersey 08540


a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from December 14, 2009.

DATED this 17 day of December, in the year 2009.

Signature:

Typed Name As Signed:

Title:

  
Béatrix de Russé  
Executive Vice-President  
Licensing, Research & Innovation

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THOMSON LICENSING**

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Catherine A. Cooper - Sr. Patent Counsel  
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Vincent E. Duffy - Patent Counsel  
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James M. McKenzie, Patent Counsel  
*Thomson Licensing LLC*  
*Two Independence Way*  
*Princeton, New Jersey 08540*

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from January 1, 2007.

DATED this 14<sup>th</sup> day of January, 2010.

SIGNED

  
Robert D. Shedd  
Vice President, U.S. Patent Operations  
Thomson Licensing LLC and  
Attorney In Fact for  
THOMSON LICENSING

WITNESS



**POWER OF ATTORNEY  
THOMSON LICENSING**

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does hereby grant

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Brian J. Cromarty - Patent Counsel  
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and

Jeffrey D. Carter – Reg. No. 37795  
The Carter Law Firm  
1107 Caroline Street  
Suite 2000  
Fredericksburg, VA 22401

**POWER OF ATTORNEY**

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from April 1, 2011.

DATED this 1<sup>st</sup> day of August, 2011.

SIGNED

Robert D. Shedd  
Robert D. Shedd  
Vice President, U.S. Patent Operations  
Thomson Licensing LLC and  
Attorney In Fact for  
THOMSON LICENSING

WITNESS

David Fournier

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Tak Wing Lam, Room 705, Kai Cheung House, Kai Yip Estate, Kowloon, Hong Kong, China; Sai Fan Chan, 4/F, 10 Hop Yat Road, Tokwawan, Kowloon, Hong Kong, China; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

METHOD FOR FAST RECONSTRUCTION OF CONTENT INFORMATION

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on July 24, 2004 as Application Serial No. PCT/EP 2004/008327, or, if not identified here by filing date and serial number, the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

AND WHEREAS

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France

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 8 day of FEB, 2006.

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name: LUI HUNG NGAI

Name: Tak Wing Lam

Address: FLAT D5, 3/F, BLOCK D, MERLIN CENTRE, 65 PO ON ROAD  
CHEUNG SHA WAN, KOWLOON, HONG KONG

Signature: [Signature]

Name: LEE KA YUK

Address: Rm 1607, 16/E, TAK YAN HOUSE, TAK TIN ESTATE,  
LAM TIN, KOWLOON

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name:

Name: Sai Fan Chan

Address:

Signature: \_\_\_\_\_

Name:

Address:



# ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Tak Wing Lam, Room 705, Kai Cheung House, Kai Yip Estate, Kowloon, Hong Kong, China; Sai Fan Chan, 4/F, 10 Hop Yat Road, Tokwawan, Kowloon, Hong Kong, China; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

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## AND WHEREAS

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NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name:  
Address:

Name: Tak Wing Lam

Signature: \_\_\_\_\_

Name:  
Address:

EXECUTED, this 08 day of Feb, 2006.

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name: ZHANG Lipeng  
Address: ASTRI, HK

Name: Sai Fan Chan

Signature: [Signature]

Name: CHENG CHI KIT, THOMAS  
Address: ASTRI, HK